Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 29 Apr 2023 until 23:59 on Sunday 30 Apr 2023

Forecast Issued on Saturday 29 Apr 2023 at 04:16

Confidence: Moderate confidence for today. High confidence for sunny spells and showers Sunday, but lower confidence in the cloud amounts and thunderstorm risk. Also Moderate confidence for a gradual improvement Bank Holiday Monday, with the shower risk receding. Confidence becoming low for the details thereafter.

Headline for Saturday 29 Apr 2023: Cloudy with outbreaks of rain, and hill fog developing.

Mountain weather hazards on Saturday 29 Apr 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
	FOG			FOG	FOG
Light rain	Fog	Light rain	Cloudy	Fog	Fog
Precipitation probability					
30%	40%	50%	20%	20%	20%

Forecast for Saturday 29 Apr 2023

Weather: Cloudy for much for today, with outbreaks of light rain and drizzle, these possibly turning heavy at times this the afternoon. The odd brighter interval cannot be ruled out, however these will be very limited. Low cloud and hill fog will become more widespread, especially across eastern areas.

Chance of cloud-free hill tops above 600m: 30%, best chances in the west.

Low Cloud and visibility: Cloud on summits above 500m for much of today, and potentially as low as 300m across some eastern hills. Best conditions are likely this morning in the west. Visibility probably Moderate to Poor for much of the day, especially during rain.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Saturday 29 Apr 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/7 E	8/11 E	8/11 E	8/11 E	8/11 E	5/11 E	6/11 E
300	2/4 NE	6/9 E	7/11 E	6/10 E	7/11 E	5/11 E	4/9 E
Valley	2/4 E	6/9 SE	5/10 SE	5/10 SE	6/11 E	6/13 E	5/12 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/5	6/4	7/5	8/6	7/5	7/5	6/4
300	8/7	10/8	10/9	11/10	10/9	9/7	8/7
Valley	8/8	12/10	12/11	13/12	12/11	10/9	10/9
Freezing Level*	1900m	1900m	1900m	1900m	2000m	2000m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A rather dull day with extensive cloud and outbreaks of rain possible. Views will be limited, especially from the higher tops. Warm, waterproof layers essential.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 29 Apr 2023	0.4mm	2.2mm	2.2mm

Forecast for Sunday 30 Apr 2023

Weather: Thickening cloud and outbreaks of rain spread east during the early hours. Through the morning the rain becomes more showery in nature, become locally very heavy, also slow moving with a risk of hail and thunder. Heaviest showers are likely to be in the south, and will persist through the afternoon then mostly fading away in the evening.

Maximum wind: Southwesterly 15mph gusting 25mph

Chance of cloud-free hill tops above 600m: 20% rising to 70% by midday away from western slopes.

Low Cloud and visibility: Cloud on summits above 300m, rising to 600m during the day, and above many tops in the east. Some cloud likely returning to hills above 600m with showers. Moderate views likely of distant peaks likely when outside of or below the clouds. This visibility falling to poor during heavy showers or thunderstorms.

Temperature: **Valleys:** Plus 5 rising to Plus 16 Celsius
At 600m: Plus 6 rising to Plus 9 Celsius
Freezing level: Above the summits.

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